IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

YAMAMOTO, N. et al. Atty. Ref.: 900-420

Serial No. unknown Group:

Filed: March 5, 2002 Examiner:

For: POLYMER ELECTROLYTE FUEL CELL

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March 5, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

Responsive to the Official Action dated (for which petition is hereby made for a one month extension of time), please amend the above-identified application as follows:

IN THE CLAIMS

Please substitute the following amended claims for corresponding claims previously presented. A copy of the amended claims showing current revisions is attached.

4. A fuel cell according to claim 1, wherein the biochemical catalyst comprises one or more selected from hydrogen-generative anaerobic bacteria, hydrogen-generative yeasts and hydrogen-generative enzymes.

5. A fuel cell according to claim 1, wherein the biochemical catalyst comprises a combination of Clostridium butyricum and formate-hydrogen lyase.

6. A fuel cell according to claim 1, wherein the material for fuel is selected from oxygen-containing hydrocarbons such as alcohols, polysaccharides, aldehydes, ketones and carboxylic acids.

7. A fuel cell according to claim 1, wherein the material for fuel is in the form of an aqueous solution.

REMARKS

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached page(s) is captioned "**Version With Markings To Show Changes Made**."

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

4. A fuel cell according to claim 1~~-or 3~~, wherein the biochemical catalyst comprises one or more selected from hydrogen-generative anaerobic bacteria, hydrogen-generative yeasts and hydrogen-generative enzymes.

5. A fuel cell according to claim 1~~-or 3~~, wherein the biochemical catalyst comprises a combination of Clostridium butyricum and formate-hydrogen lyase.

6. A fuel cell according to claim 1~~-or 3~~, wherein the material for fuel is selected from oxygen-containing hydrocarbons such as alcohols, polysaccharides, aldehydes, ketones and carboxylic acids.

7. A fuel cell according to claim 1~~-or 3~~, wherein the material for fuel is in the form of an aqueous solution.